## WHAT IS CLAIMED IS:

1	1. A method for implementing security features at a portal server,		
2	comprising:		
3	receiving a first request from a client;		
4	in response to receiving the first request, authenticating the client;		
5	consulting a database to determine access privileges of the authenticated client for		
6	interactions with a plurality of applications, wherein the applications are located at		
77	backend servers;		
8	generating code containing selectable interactions with the applications, wherein		
9	any authentication for the selectable interactions can be performed within the portal		
10	server; and		
11	sending the code to the client.		
1	2. The method of claim 1, further comprising:		
2	responsive to sending the code to the client, receiving a second request from the		
3	client, wherein the second request contains a selection of at least one of the selectable		
4	interactions;		
5	determining from the selection a set of backend servers to process the second		
6	request;		
7	forwarding the second request to the set of backend servers;		
8	receiving results corresponding to the request from applications executing on the		
9	backend servers; and		
10	sending the results to the client.		

1	3.	The method of claim 2, wherein sending the results to the client further
2	comprises:	
3	genera	ating further selectable interactions; and
4	sendir	ng the further selectable interactions with the results to the client.
1	4.	The method of claim 1, wherein the portal server is a Web server and the
2	portal server	comprises a portal application.
1	5.	The method of claim 1, wherein the database comprises a plurality of
2	generic objec	ts, wherein each generic object contains the access privileges related to a
3	user for the el	lements of the plurality of applications.
1	6.	The method of claim 5, wherein the access privileges indicate write access
1	7.	The method of claim 5, wherein the database is in the form of a table.
1	8.	The method of claim 1 wherein the code is in a form that can be rendered
2	into a Web pa	age.
1	9.	The method of claim 8, wherein the form of the code is comprised of
2	active code, v	wherein the active code can be executed on the client.
1	10.	The method of claim 1, wherein the selectable interactions correspond to
2	operations wi	thin the applications.
1	11.	The method of claim 1, wherein the selectable interactions correspond to
2	resources rela	ated to the applications.

1	12. The method of claim 11, wherein the resources are selected from the grou		
2	consisting of multimedia content, objects, files, attributes of objects, program elements,		
3	database objects, table entries.		
1	13. A method at a backend system for securely making available a backend		
2	application, comprising:		
3	creating data structures corresponding to interactions with the backend		
4	application;		
5	associating privileges for each of the data structures, wherein the privileges can b		
6	fully checked at a portal application separately hosted from the backend application;		
7	receiving a request from the portal application for reading the data structures; and		
8	sending the data structures to the portal application.		
1	14. The method of claim 13, further comprising:		
2	receiving a request for an interaction with the backend application from the porta		
3	application;		
4	processing the request without checking for the privileges; and		
5	sending the results of processing the request to the portal server.		
1	15. The method of claim 13, wherein the data structures are data objects.		
1	16. The method of claim 13, wherein a representation of the data structure is		
2	from the group consisting of a relational database, an XML document and a class.		
1	17. The method of claim 13, wherein the interactions are operations that can		
2	be performed on the backend application.		
1	18. The method of claim 13, wherein the interactions relate to resources		
2	associated with the background application.		

1	19.	A method for accessing a group of applications at a client computer	
2	comprising:		
3	authen	ticating with a portal server;	
4	receiv	ing a list of applications and interactions that can be performed with the	
5	applications fi	rom the portal server, wherein the applications are stored at backend servers	
6	that are different from the portal server;		
7	selecting an interaction; and		
8	receiving results based on the selection of the interaction without authenticating		
9 1	with the backend servers.		
1	20.	The method of claim 19, wherein receiving the results further comprises	
2	receiving a se	t of further interactions selectable by the client.	
1	21.	The method of claim 19, wherein authenticating, receiving the list,	
2	selecting, and	receiving results are at a Web browser.	
1	22.	A system for implementing security features, comprising:	
2	a port	al server;	
3	means for receiving a first request from a client at the portal server;		
4	means for authenticating the client, in response to receiving the first request;		
5	means for consulting a database to determine access privileges of the		
6	authenticated client for interactions with a plurality of applications, wherein the		
7	applications are located at backend servers;		
8	means for generating code containing selectable interactions with the applications		
9	wherein any authentication for the selectable interactions can be performed within the		
10	portal server; and		
11	mean	s for sending the code to the client.	

1	23. The system of claim 22, further comprising:		
2	means for receiving a second request from the client in response to sending the		
3	code to the client, wherein the second request contains a selection of at least one of the		
4	selectable interactions;		
5	means for determining from the selection a set of backend servers to process the		
6	second request;		
7-	means for forwarding the second request to the set of backend servers;		
8	means for receiving results corresponding to the request from applications		
9	executing on the backend servers; and		
10-	means for sending the results to the client.		
1	24. The system of claim 23, wherein the means for sending the results to the		
2	client further performs:		
3	generating further selectable interactions; and		
4	sending the further selectable interactions with the results to the client.		
1	25. The system of claim 22, wherein the database comprises a plurality of		
2	generic objects, wherein each generic object contains the access privileges related to a		
3	user for the elements of the plurality of applications.		
1	26. A system for securely making available a backend application, comprising:		
2	a backend system hosting the backend application;		
3	means for creating data structures at the backend system corresponding to		
4	interactions with the backend application;		
5	means for associating privileges for each of the data structures, wherein the		
6	privileges can be fully checked at a portal application separately hosted from the backend		
7	application;		
8	means for receiving a request from the portal application for reading the data		
9	structures; and		
10	means for sending the data structures to the portal application.		

1	27. The system of claim 26, further comprising:		
2	means for receiving a request for an interaction with the backend application from		
3 -	the portal application;		
4	means for processing the request without checking for the privileges; and		
5	means for sending the results of processing the request to the portal server.		
1	28. A system for accessing a group of applications comprising:		
2	a client computer;		
3	means for authenticating with a portal server from the client computer;		
4	means for receiving a list of applications and interactions that can be performed		
5	with the applications from the portal server, wherein the applications are stored at		
6	backend servers that are different from the portal server;		
7	means for selecting an interaction; and		
8	means for receiving results based on the selection of the interaction without		
9	authenticating with the backend servers.		
1	29. The system of claim 28, wherein the means for receiving the results further		
2	performs receiving a set of further interactions selectable by the client.		

1	30. An article of manufacture including code for implementing security		
2	features at a portal server, wherein the code is capable of causing operations, the		
3	operations comprising:		
4	receiving a first request from a client;		
5	in response to receiving the first request, authenticating the client;		
6	consulting a database to determine access privileges of the authenticated client for		
7	interactions with a plurality of applications, wherein the applications are located at		
8	backend servers;		
9	generating code containing selectable interactions with the applications, wherein		
10	any authentication for the selectable interactions can be performed within the portal		
11	server; and		
12	sending the code to the client.		
1	31. The article of manufacture of claim 30, further comprising:		
2	responsive to sending the code to the client, receiving a second request from the		
3	client, wherein the second request contains a selection of at least one of the selectable		
4	interactions;		
5	determining from the selection a set of backend servers to process the second		
6	request;		
7	forwarding the second request to the set of backend servers;		
8	receiving results corresponding to the request from applications executing on the		
9	backend servers; and		
10	sending the results to the client.		

1	32.	The article of manufacture of claim 31, wherein sending the results to the	
2	client further comprises:		
3	generating further selectable interactions; and		
4	sendin	ng the further selectable interactions with the results to the client.	
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1	33.	The article of manufacture of claim 30, wherein the portal server is a Web	
2	server and the	portal server comprises a portal application.	
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1,	34.	The article of manufacture of claim 30, wherein the database comprises a	
2	plurality of generic objects, wherein each generic object contains the access privileges		
3	related to a us	ser for the elements of the plurality of applications.	
1	35.	The article of manufacture of claim 34, wherein the access privileges	
2	indicate write	e access.	
1	36.	The article of manufacture of claim 34, wherein the database is in the	
2	form of a tab	le.	
1	37.	The article of manufacture of claim 30 wherein the code is in a form that	
2 -	can be render	red into a Web page.	
1	38.	The article of manufacture of claim 37, wherein the form of the code is	
2,	comprised of	Eactive code, wherein the active code can be executed on the client.	
1	39.	The article of manufacture of claim 30, wherein the selectable interactions	
2	correspond to	o operations within the applications.	

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1	40. The article of manufacture of claim 30, wherein the selectable interactions		
2	correspond to resources related to the applications.		
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1	41. The article of manufacture of claim 40, wherein the resources are selected		
2	from the group consisting of multimedia content, objects, files, attributes of objects,		
3	program elements, database objects, table entries.		
1	42. An article of manufacture, including code for securely making available a		
2	backend application at a backend system, wherein the code is capable of causing		
3	operations, the operations comprising:		
4	creating data structures corresponding to interactions with the backend		
5	application;		
6	associating privileges for each of the data structures, wherein the privileges can be		
7	fully checked at a portal application separately hosted from the backend application;		
8	receiving a request from the portal application for reading the data structures; and		
9	sending the data structures to the portal application.		
1	43. The article of manufacture of claim 42, further comprising:		
2	receiving a request for an interaction with the backend application from the porta		
3	application;		
4	processing the request without checking for the privileges; and		
5	sending the results of processing the request to the portal server.		
1	44. The article of manufacture of claim 42, wherein the data structures are dat		

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1	45.	The article of manufacture of claim 42, wherein a representation of the	
2	data structure	is from the group consisting of a relational database, an XML document	
3	and a class.		
1	46.	The article of manufacture of claim 42, wherein the interactions are	
2	operations tha	at can be performed on the backend application.	
1	47.	The article of manufacture of claim 42, wherein the interactions relate to	
2	resources associated with the background application.		
1	48.	An article of manufacture, including code for accessing a group of	
2	applications a	at a client computer, wherein the code is capable of causing operations, the	
3	operations comprising:		
4		nticating with a portal server;	
5	receiv	ring a list of applications and interactions that can be performed with the	
6	applications from the portal server, wherein the applications are stored at backend serve		
7	that are diffe	rent from the portal server;	
8 -	select	ing an interaction; and	
9	receiv	ving results based on the selection of the interaction without authenticating	
10	with the back	kend servers.	
1	49.	The article of manufacture of claim 48, wherein receiving the results	
2	further comp	rises receiving a set of further interactions selectable by the client.	
1	50.	The article of manufacture of claim 48, wherein authenticating, receiving	

the list, selecting, and receiving results are at a Web browser.